

REMARKS

This Amendment is being filed in response to the Office Action dated February 18, 2005. A one month extension of time is being filed herewith. Reconsideration and allowance of the application in view of the amendments made above and remarks to follow is earnestly solicited.

Regarding the drawings, Applicant respectfully submits new formal drawings were filed on April 15, 2004 and were received by the Patent Office on April 19, 2004 and were included in the published application. However, for the convenience of the Examiner, a new set of formal drawings for Figs. 1-3 are being submitted herewith. Notification that the drawings are in proper condition is respectfully requested.

Regarding the claim objections at page 2 of the Office Action, amendments have been made which Applicant respectfully submits overcomes these objections, and notice to this effect is earnestly solicited.

Turning to the substantive rejections, claims 1-13 are rejected under 35 U.S.C. Section 102(b) as being anticipated by U.S. Patent No. 6,385,133 (Miyauchi). Applicant respectfully traverses this rejection.

Specifically, Applicant has amended independent claims 1 and 7 to affirmatively recite that the first internal field is generated by the rotor when in a first orientation and that the second internal field is generated by the rotor when in a second orientation (wherein the first and second orientations of the rotor are 180° out of phase) and wherein indicia is only displayed for measurements taken while the electronic device is generating the first internal field. Applicant respectfully submits the foregoing combination of features are neither described nor suggested in Miyauchi.

That is, it is respectfully submitted that Miyauchi does not describe or suggest *only* displaying indicia related to measurements taken while the electronic device is generating the first internal field (*to the exclusion of displaying indicia related to measurements taken while the electronic device is generating the second internal field*) wherein the respective first and second orientations of the rotor (at which the respectively claimed internal fields are generated) are 180° out of phase, as now claimed in independent claims 1 and 7. In

fact, Applicant respectfully submits that Miyauchi teaches away from such a combination of features by providing an arrangement to actually permit measurements and displaying of information when the rotor is in either orientation (see col. 8, lines 21-27, “[t]herefore, when an azimuth is measured by the azimuth sensor 51 in the state that the rotor 37a rests stably, correction can be made by using two sets of correction values in the state where the N pole faces the rotor stop position 374 and in the state where the N pole faces the rotor stop position 375.). Accordingly, notice to the effect that claims 1 and 7, as now amended, are allowable over the cited art is respectfully requested.

Independent claims 2-14 are respectfully submitted to be patentable for their dependency on the respective independent claims and for the additional subject matter recited therein. For example, Applicant respectfully submits that Miyauchi does not describe or suggest such features as (i) determining whether the rotor is in the first orientation *before* measuring the external field and if so measuring the external field; and *if not*, causing the rotor to rotate into the first orientation *prior* to measuring the external field (e.g. claims 3 and 9); and (ii) determining whether the rotor was forced (e.g. “prematurely”) from the second orientation into the first orientation and if so, not rotating the rotor until the next predetermined period, thereby being able to take into account the foregoing adjustments for accurate measurements (e.g. claims 5 and 11).


Applicant notes for completeness that claim 14 stands rejected under 35 U.S.C. Section 103 as being unpatentable over Miyauchi in view of U.S. Patent No. 5,883,861. Without conceding the appropriateness of the combination, Applicant respectfully submits that this ‘861 patent does not cure the deficiencies noted above with respect to Miyauchi.

For the foregoing reasons, Applicant respectfully submits that claims 1-14 are now in condition for allowance, and notice to this effect is earnest solicited.

Applicant has made a sincere and diligent effort to place this application in condition for immediate allowance and notice to this effect is earnestly solicited. However, if any issues still remain, the Examiner is respectfully requested to telephone the undersigned to resolve such issues prior to issuing another office action.

Early and favorable action is earnestly solicited.

Respectfully submitted,

By: 

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